

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: U.S. Patent No. 6,842,487

USPTO CONFIRMATION CODE: 9723

APPLICATION NO.: 09/667,504

FILED: September 22, 2000

EXAMINER: Stephen Chin

GROUP ART UNIT: 2634

FOR: CYCLIC DELAY DIVERSITY FOR MITIGATING INTERSYMBOL  
INTERFERENCE IN OFDM SYSTEMS

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION  
FOR USPTO MISTAKE

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

SIR:

The following is a request for a certificate of correction in Serial Number  
09/667,504, now Patent Number 6,842,487.

A certificate of correction under 35 USC 254 is respectfully requested in the  
above-identified patent.

All errors were the fault of the USPTO, no fee required. In the event that a  
further fee is required, please charge the amount to our Deposit Account No. 50-1379.

The exact locations where the errors appear in the patent and patent application  
are as follows:

In Column 3, Line 54, insert - - *where*  $\sigma_s^2 = E(|S(k)|^2)$  - - before paragraph “wherein E .....value.”.

(ORIGINALLY FILED SPECIFICATION DATED SEPTEMBER 22, 2000, PAGE 5, LINE 19)

In Column 4, Line 11, delete “ $= \sigma_s^2 (H_{re0}^2 + H_{mo0}^2 + H_{re1}^2 + H_{mo1}^2)$ ” and

insert - -  $= \sigma_s^2 (H_{re0}^2 + H_{mo0}^2 + H_{re1}^2 + H_{mo1}^2)$  - -, therefor.

(ORIGINALLY FILED SPECIFICATION DATED SEPTEMBER 22, 2000, PAGE 6 (IN FORMULA 2), LINE 4)

In Column 10, Line 34, in Claim 1, delete “sampler” and insert - - samples - -, therefor.

(AMENDMENTS TO THE CLAIMS DATED AUGUST 6, 2004, PAGE 2 OF 11, CLAIM 1, LINE 10)

In Column 11, Line 6, in Claim 3, after “positions” delete “predetermined of position”.

(AMENDMENTS TO THE CLAIMS DATED AUGUST 6, 2004, PAGE 3 OF 11, CLAIM 3, LINE 8)

In Column 11, Line 57, in Claim 7, after “determination” insert - - that - -.

(AMENDMENTS TO THE CLAIMS DATED AUGUST 6, 2004, PAGE 5 OF 11, CLAIM 12, LINE 14)

In Column 11, Line 59, in Claim 7, delete “sample” and insert - - samples - -, therefor.

(AMENDMENTS TO THE CLAIMS DATED AUGUST 6, 2004, PAGE 5 OF 11, CLAIM 12, LINE 15)

In Column 12, Line 42, in Claim 16, delete “shitted” and insert - - shifted - -, therefor.

(AMENDMENTS TO THE CLAIMS DATED AUGUST 6, 2004, PAGE 6 OF 11, CLAIM 21, LINE 13)

In Column 12, Line 50, in Claim 16, delete “transmitted” and

insert - - retransmitted - -, therefor.

(AMENDMENTS TO THE CLAIMS DATED AUGUST 6, 2004, PAGE 7 OF 11, CLAIM 21, LINE 19)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

Aug. 30, 2007

DATE

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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PATENT NO. : 6,842,487 B1

APPLICATION NO. : 09/667,504

ISSUE DATE : January 11, 2005

INVENTOR(S) : Larsson

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 3, Line 54, insert - -  $\sigma_k^2 = E(|S(k)|^2)$  - - before paragraph "wherein E ...value."

In Column 4, Line 11, delete " $= \sigma_k^2 (H_{rr}^2 + H_{rr0}^2 + H_{rrc}^2 + H_{rrn}^2)$ " and insert - -  $= \sigma_k^2 (H_{rr0}^2 + H_{rrc}^2 + H_{rrn}^2)$  - -, therefor.

In Column 10, Line 34, in Claim 1, delete "sampler" and insert - - samples - -, therefor.

In Column 11, Line 6, in Claim 3, after "positions" delete "predetermined of position".

In Column 11, Line 57, in Claim 7, after "determination" insert - - that - -.

In Column 11, Line 59, in Claim 7, delete "sample" and insert - - samples - -, therefor.

In Column 12, Line 42, in Claim 16, delete "shitted" and insert - - shifted - -, therefor.

In Column 12, Line 50, in Claim 16, delete "transmitted" and insert - - retransmitted - -, therefor.

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This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*